**Exam Name** : Chemistry HNGU

Total Questions : 100

Description :

4

9

Q.1
A particle in three dimensional cubic box of a Length L has energy of , the degeneracy of the state is;

Marks
1

No
Options Details
Correct Option

1
2

2
3

3
6

		The compound that will behave as an acid in H <sub>2</sub> SO <sub>4</sub> is
Options for	Α	HClO <sub>4</sub>
Answer	В	HNO₃
	С	CH₃COOH
	D	H <sub>2</sub> O

ļ		
No	Options Details	Correct Option
1	A null	✓
2	B null	
3	C null	
4	D null	

Q.3	The value of the m	nagnetic quantum number of a $P_{X}$ orbital is	
Ma	rks 1		Question ID: 10084225
No		Options Details	Correct Option
1	-1	null	
2	0	null	
3	+1	null	
4	Undefined	null	✓

Q.4	According to VSEPR m	odel, the shape of XeO <sub>2</sub> F <sub>2</sub> is	
Ma	rks 1		Question ID: 10084226
No		Options Details	Correct Option
1	Octahedral	null	
2	Trigonal bipyramidal	null	
3	Square planner	null	✓
4	Tetrahedral	null	

Q.5	The highest occupied molecular orbital of HF is	
Ма	rks 1	<b>Question ID:</b> 10084227
No	Options Details	Correct Option
1	Bonding	
2	antibonding	
3	ionic	
4	nonbonding	✓

Q.	6

QUESTION	82		
	The least basic among the following is		
Options for	Α	Al(OH)₃	
Answer	В	La(OH)₃	
	С	Ce(OH)₃	
	D	Lu(OH)₃	

 Marks
 1
 Question ID:

 10084228

No	Options Details	Correct Option
1	A null	✓
2	B null	
3	C null	
4	D null	

Q.7 The number of possible isomers for the squre planner mononuclear complex  $[(NH_3)_2M(CN)_2]$  of a metal M

 Question ID:

 Marks
 1

No	Options Details	Correct Option
1	3 null	
2	2 null	✓
3	4 null	
4	3 null	

Q.8 The ligand present in vitamin B<sub>12</sub> is

Marks 1

**Question ID:** 10084637

No		Options Details	Correct Option
1	Porphyrin	null	
2	Corrin	null	✓
3	Phthalocyanine	null	
4	Crown ether	null	

Q.9	)
-----	---

QUESTION	8		-
		The term symbol for the ground state of nitrogen atom is	
Options for	Α	³Po	-
Answer	В	<sup>4</sup> P <sub>3/2</sub>	
	С	<sup>1</sup> P <sub>1</sub>	
	D	<sup>4</sup> S <sub>3/2</sub>	

 Marks
 1
 Question ID:

 10084638

No	Options Details	Correct Option
1	A null	
2	B null	
3	C null	
4	D null	✓

Q.10 The number of metal-metal bonds in  $[W_2(OPh)_6]$  is

 Marks
 1
 Question ID:

 10085461

No	Options Details	Correct Option
1	1 null	
2	2 null	-
3	3 null	✓
4	4 null	-

**Q.11** The STYX code of  $B_4H_{10}$ 

Marks 1

**Question ID:** 10085462

No	Options Details	Correct Option
1	4120 null	
2	4220 null	
3	4012 null	✓
4	3203 null	

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UESTION	8	
		The complex which obeys the 18 electron rule is:
Options for	Α	Fe(CO) <sub>4</sub>
Answer	В	Ni(CO)3(PPh3)
	С	Cr(CO)₃
	D	Cr(C <sub>2</sub> H <sub>5</sub> ) <sub>2</sub>

 Marks
 1

 Question ID:

 10085465

No	Options Details	Correct Option
1	A null	
2	B null	✓
3	C null	
4	D null	

# Q.13

QUESTION

		The correct order of basicity of lanthanide ions is:
Options for	Α	$La^{3+} > Lu^{3+} > Ce^{3+} > Eu^{3+}$
Answer	В	$Ce^{3+} > Lu^{3+} > La^{3+} > Eu^{3+}$
	С	Lu <sup>3+</sup> > Ce <sup>3+</sup> > Eu <sup>3+</sup> > La <sup>3+</sup>
	D	$1a^{3+} > Ca^{3+} > Fu^{3+} > 1u^{3+}$

 Marks
 1

 Question ID:

 10085972

No	Options Details	Correct Option
1	A null	
2	B null	
3	C null	
4	D null	✓

ا م	4					
Q.14 The IUPAC name of the complex [Co (NH <sub>3</sub> ) <sub>4</sub> Cl <sub>2</sub> ]Cl is:						
	_				Question ID:	
Ma	rks	1			10085974	
No				Options Details	Correct Option	
1	tetraamm	nine dichloro cob	oalt (II	) chloride null	✓	
2	dichloro t	etraammine cob	oalt (II	) chloride null		
3		ine dichloro cob				
4	tetraamm	nine dichloro cob	oalt (II)	chloride null		
Q.1	5	Choose the inco	orrect	statement from the following.		
		onoose the <b>me</b>	SITCOL	statement from the following.		
					Question ID:	
Ma	rks	1			10085976	
No				Options Details	Correct Option	
1	A catalys activation	t alters the Gibb	s free	energy of		
2		t does not alter t	the Gi	bbs free energy		
	of the rea	ction.			-	
3		poisons usually cycle by the forn			✓	
	unstable	complexes.		·		
4		ynamically unfa e made favourat				
	Carriot be	e made lavourat	JIE DY	a Catalyst.		
Q.1						
Q. 1	0	QUESTIONS				
		82	100	The state of the s	SS	
				The Symmetry point group of Propyne is		
		Options for	Α	C <sub>3</sub>	*	
		Answer	В	C <sub>3v</sub>		
		(11111111111111111111111111111111111111	С	D <sub>3</sub>	*	
			D	D <sub>3d</sub>	55	
		<u> </u>		200.53		
	Question ID:					
Marks 1				10085978		
No				Options Details	Correct Option	
1	Δ			null		

null

null

null

2

3

4

В

С

D

Q.17 QUESTIONS

Question		The lattice parameters for monoclinic crystal are
Options for	Α	$a \neq b \neq c$ ; $\alpha = \gamma = 90^{\circ}$
Options for Answer	В	a = b ≠ c ; α ≠ β ≠ γ
	С	a≠b≠c;α≠β≠γ
	D	$a = b = c$ ; $\alpha = \gamma = 90^{\circ}$

 Marks
 1
 Question ID:

 10085980

No	Options Details	Correct Option
1	A null	✓
2	B null	
3	C null	
4	D null	

 Marks
 1
 Question ID:

 10085982

No	Options Details	Correct Option
1	A null	
2	B null	✓
3	C null	
4	D null	

Q.19

An element 'X' emits successively two  $\beta$  particles, one  $\alpha$  particle, one positron and one neutron. The mass and atomic numbers of the element are decreased by, respectively,

**Question ID:** 10085985

Marks	1			

No	Options Details	Correct Option
1	4 and 1 null	
2	5 and 1 null	✓
3	3 and 2 null	
4	3 and 1 null	

Q.20	Question	8	2
			m experiment, 50 ml of 0.1M solution of a salt reacted with 25 ml of 0.1 M solution of sodium sulphite. The half equation for the oxidation of sulphite ion is: $SO_{3(aq)}^{2-} + H_2O \longrightarrow SO_{4(aq)}^{2-} + 2H_{(aq)}^{+} + 2e^{-}$ e oxidation number of the metal in the salt was 3, what would be the new oxidation number of the metal?
	Options for	Α	0
	Answer	В	1
		C	2

 Marks
 1
 Question ID:

 10085987

4

No	Options Details	Correct Option
1	0 null	
2	1 null	
3	2 null	✓
4	4 null	

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Thermal decomposition of a compound is of first order. If 50% of a sample of the compound is decomposed in 120 minute show long will it take for 90% of the compound to decompose?

		Question ID:
Marks	1	10085994

No	Options Details	Correct Option
1	399 min	✓
2	410 min	
3	250 min	
4	120 min	

Q.22

(uestion	R	
		Solubility product of a salt AB is $1 \times 10^{-8}  \text{M}^2$ in a solution in which the concentration of A <sup>+</sup> ions is $10^{-3}  \text{M}$ . The salt will precipitate when the concentration of B <sup>-</sup> ions is kept
Options for	Α	between 10 <sup>-8</sup> M to 10 <sup>-7</sup> M
Answer	В	between 10 <sup>-7</sup> M to 10 <sup>-6</sup> M
	С	>10 <sup>-5</sup> M
	D	<10 <sup>-8</sup> M

Ма		<b>Question ID:</b> 10085996
No	Options Details	Correct Option
1	A null	
2	B null	
3	C null	<b>√</b>

null

Q.23

4 D

The activation energy of a reaction at a given temperature is found to be 2.303 RT J mol<sup>-1</sup>. The ratio of rate constant to the Arrhenius factor is;

Ма	rks 1	<b>Question ID:</b> 10085998
No	Options Details	Correct Option
1	0.1 null	1

No	Options Details	Correct Option
1	0.1 null	✓
2	0.01 null	
3	0.001 null	
4	0.2 null	

_	
$\sim$	$\alpha$
	/4

To a 100 ml solution of 0.1 M  $CH_3COONa$  and 0.1 M  $CH_3COOH$ , 0.4 gm of solid NaOH was added. Assuming volume remains constant, calculate the change in pH value? Given that pK<sub>a</sub> ( $CH_3COOH$ ) = 4.74.

No	Options Details	Correct Option
1	0.125 null	
2	0.225 null	
3	0.001 null	
4	0.872 null	✓

# Q.25

Out of the following the one which is not an excitation source for IR spectrometer is

Marks 1		Question ID: 10086003
No	Options Details	Correct Option
1	Tugsten filament lamp	
2	Nerst glower	-
3	Deuterium lamp	✓
4	Mercury arc	

Q.26	
	The number of IR active vibrational normal modes of CO <sub>2</sub> is

		Question ID:
Marks	1	10086055

No		Options Details	Correct O	ption
1	Two	null		
2	Three	null	✓	
3	Four	null		
4	Five	null		

$\cap$	27
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A weak electrolyte, AB, is 5% dissociated in aqueous solution. What is the freezing point of a 0.100 molal aqueous solution of AB?  $K_f$  for water is 1.86 deg/molal.

Marks 1

**Question ID:** 10086057

No	Options Details	Correct Option
1	-3.8 °C null	
2	-0.1953 °C null	✓
3	-1.7 °C null	
4	- 0.78 °C null	

Q.28

When FeCl<sub>3</sub> solution is added to NaOH a negatively charged sol is obtained. It is due to the,

Marks 1

**Question ID:** 10086060

No	Options Details		Correct Option
1	Presence of basic group	null	
2	Preferential adsorption of OH- ions	null	✓
3	Self dissociation	null	
4	Electron capture by sol particles	null	

#### Q.29

Half life period for a first order reaction is 20 minutes. How much time is required to change the concentration of the reactants from 0.08 M to 0.01M?

Marks 1

**Question ID:** 10086062

No	Options Details	Correct Option
1	20 minutes	
2	60 minutes	✓
3	40 minutes	
4	50 minutes	

Q.30

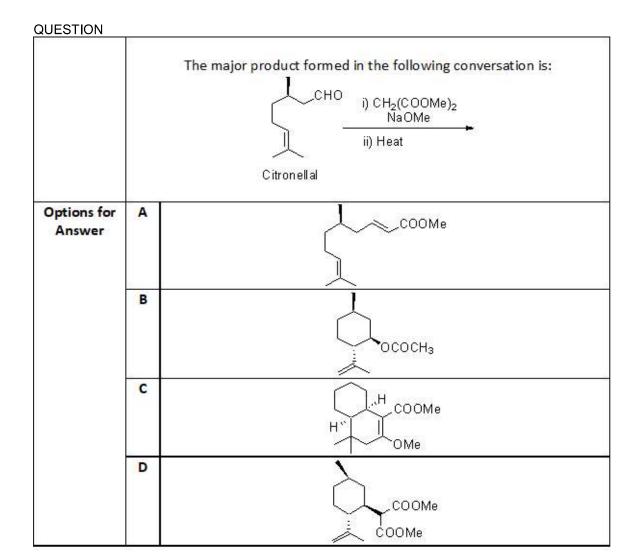
The reaction  $A_{(g)} + 2B_{(g)}C_{(g)} + D_{(g)}$  is an elementary process. In an experiment, the initial partial pressure of A and B are  $P_A = 0.60$  and  $P_B = 0.80$  atm. When  $P_C = 0.2$  atm the rate of reaction relative to the initial rate is:

 Marks
 1
 Question ID:

 10086066

No	Options Details	Correct Option
1	1/48 null	
2	1/24 null	
3	9/16 null	
4	1/6 null	✓

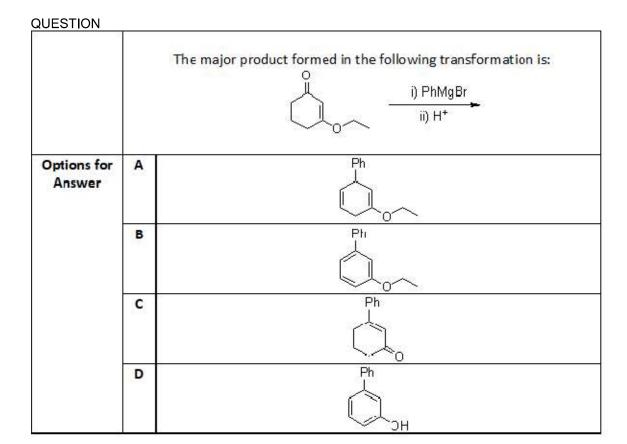




Marks 1

**Question ID:** 10086069

No	Options Details	Correct Option
1	A null	
2	B null	
3	C null	✓
4	D null	



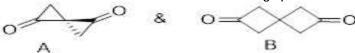
 Marks
 1
 Question ID:

 10086072

No	Options Details	Correct Option
1	A null	
2	B null	
3	C null	
4	D null	✓

Q.33

Choose the correct statement for the following spiranes from the statement given below.



 Marks
 1
 Question ID:

 10086075

No	Option	Correct Option	
1	A is optically active and dis-symmetric; B is optically inactive and symmetric	null	
2	A is optically active and Asymmetric; B is optically active and symmetric	null	
3	A is optically inactive and dis-symmetric; B is optically active and symmetric	null	✓
4	A is optically inactive and Asymmetric; B is optically inactive and symmetric	null	

Q.3	Reaction of cyclohexyl benzyl ether with hydrogen in the presence of 10% Pd/C yields	
Ma	ks 1	<b>Question ID:</b> 10086078
No	Options Details	Correct Option
1	Cyclohexanol and toluene	✓
2	Cyclohexanol and benzyl aclohol	
3	Cyclohexane and benzyl alcohol	

Cyclohexane and toluene

Q.35 The most appropriate reagent suitable for the conversion of 2-octyne into trans-2-octene is Question ID: Marks 10086081 1 No **Options Details Correct Option** Zinc and acetic acid 1 2 10% Pd/C 3 Litium in liquid ammonia 4 Hydrazine hydrate

Q.36	QUESTION	E	
		100 SEC. 2000	most appropriate set of regents for carrying out the following ersation is:
	Options for	Α	i) EtMgBr; ii) HCl
	Answer	В	i) (C <sub>2</sub> H <sub>5</sub> ) <sub>2</sub> CuLi; ii) HCl
		С	i) C₂H₅Li; ii) HCl
		D	i) HCl; ii) EtMgBr

Ма	nrks 1		Question ID: 10086083
No		Options Details	Correct Option
1	Α	null	
2	В	null	
3	С	null	
4	D	null	✓

#### Q.37

The major product formed when (3R,4S)-3,4-dimethylhexa-1,5-diene is heated at 240°C is:

Marks 1

**Question ID:** 10086085

No	Options Details	Correct Option
1	(2Z,6Z)-octa-2,6-diene	
2	(2E,6E)-octa-2,6-diene	
3	(2E,6Z)-octa-2,6-diene	✓
4	(2Z,6E)-octa-2,6-diene	

### Q.38

### QUESTION

The correct set of statement with respect to following pair of reactions is:

$$P$$
 $Br_2$ 
 $X$ 
 $R$ 
 $COOH$ 
 $Br_2$ 
 $Y$ 
 $COOH$ 
 $R$ 
 $Q$ 

- i) The reaction are stereospecific
- ii) X is erythro and Y is threo isomer
- iii) X is threo and Y is erythro isomer
- iv) Each of P & Q gives a mixture of X and Y

Marks 1

**Question ID:** 10086089

No	Options Details	Correct Option
1	(i) & (ii) null	✓
2	(i) & (iii) null	
3	(i) & (iv) null	
4	(ii) & (iv) null	

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QUESTION	R	
	,	Choose the correct statement for the following spiranes from the statement given below.  O  A  B
Options for Answer	Α	A is optically active and dis-symmetric; B is optically inactive and symmetric
	В	A is optically active and Asymmetric; B is optically active and symmetric
	С	A is optically inactive and dis-symmetric; B is optically active and symmetric
	D	A is optically inactive and Asymmetric; B is optically inactive and

 Marks
 1
 Question ID:

 10086092

No	Options Details	Correct Option
1	A null	✓
2	B null	
3	C null	
4	D null	

Q.40 In the proton decoupled <sup>13</sup>C NMR spectrum of 7-norbornanone, the number of signal obtained is

Marks 1 Question ID: 10086094

No	Options Details	Correct Option
1	7 null	
2	3 null	✓
3	4 null	
4	5 null	



The conditions under which the following conversation can be best described as:



		Question ID:
Marks	1	10086095

No	Options Details		Correct Option
1	Photochemical 8п disrotatory electrocyclic reaction	null	
2	Photochemical 8п conrotatory electrocyclic reaction	null	-
3	Thermal 8п disrotatory electrocyclic reaction	null	
4	Thermal 8п conrotatory electrocyclic reaction	null	✓

#### Q.42

When Ÿ-hydrogen atoms are present (for the formation of six-membered cyclic TS) then the product is an oxime or the corresponding nitroso dimer. This reaction which is very important synthetically is known as,

Marks 1

**Question ID:** 10086096

No		Options Details	Correct Option
1	Norrish type I	null	
2	Norrish type II	null	
3	Barton reaction	null	✓
4	Photopinacolisation	null	

## Q.43

The one among the following has highest dipole moment.

Marks 1

**Question ID:** 10086097

No		Options Details	Correct Option
1	Napthalene	null	
2	Anthracene	null	
3	Phenanthrene	null	
4	Azulene	null	✓

2	A and B	Only	
1	A, B, C		
No		Options Details	Correct Option
Ма	rks	1	<b>Question ID:</b> 10086098
		The correct statements are:	
		[C] There are six proton in the shielded zone	
		[B] The inner protons resonate at $\delta$ 9.28 in its proton NMR spectrum	
		[A] It is aromatic	
Q.4	14	Consider the following statements for [18]-annulene;	

3

4

B and C Only

A and C Only

Q.4	Among the following, an example of	a "Green Synthesis" is;	
Ma	rks 1		<b>Question ID:</b> 10086099
No	Option	ns Details	Correct Option
1	Synthesis of malachite green	null	
2	Friedel-Craft's acylation of anisole with Ac2O/Anhydrous AlCl3	null	
3	Jones' oxidation of benzyl alcohol to benzoic acid	null	
4	Diels-Alder reaction of furan and maleic acid in water	n null	✓

Q.4	16 The Baeyer's an	gle strain is expected to be maximum in,	
Ма	rks 1		<b>Question ID:</b> 10086100
No		Options Details	Correct Option
1	Cyclodecane	null	✓
2	Cyclopentane	null	
3	Cyclohexane	null	
4	Cyclooctane	null	

Q.4		the following gives the M <sup>+</sup> peak as the base peak in its mass spectrum?	
Mai	rks 1		<b>Question ID:</b> 10086101
No		Options Details	Correct Option
1	Phenol	null	✓
2	Bromobenzene	null	
3	Benzyl alcohol	null	
4	Benzophenone	null	

Q.4	The gas evolved due to anaerobic degradation vegetation causes:	
Ма	rks 1	<b>Question ID:</b> 10086103
No	Options Details	Correct Option
1	Global warming	✓
2	Acid rain	
3	Ozone hole	
4	Metal corrosion	

Q.4	9 What is the name of the conceptual framework in which the research is carried out?	
		Question ID:
Mai	rks 1	10090663
<b>.</b>		Ta .a.:
No	Options Details	Correct Option
1	Research design	✓
2	Research paradigm	
3	Synopsis of Research	
4	Research hypothesis	

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   Ma	rks 1	<b>Question ID:</b> 10090664			
		10000004			
No	Options Details	Correct Option			
1	Deductive method	✓			
2	Inductive method				
3	Hypothesis method Pattern method				
4	Pattern method				
Q.5	The classification of studies into exploratory, descriptive, analytical, or predictive resear	rch is based on			
Ma	rks 1	<b>Question ID:</b> 10090665			
		10030003			
No	Options Details	Correct Option			
1	Logic of the research				
2	Outcome of the research				
3	Process of the research				
4	Purpose of the research	✓			
Q.5	The government of India conducts census after every 10 years. The method of research process is	n used in this			
Ма	rks 1	<b>Question ID:</b> 10090666			
No	Options Details	Correct Option			
1	Case Study				
2	Developmental				
3	Survey	✓			
4	Experimental				
Q.5	Q.53 Fieldwork-based research is classified as				
Ma	Marks 1 Question ID: 10090667				
_		10090007			
No	Options Details	Correct Option			
No 1	·				
	Options Details	Correct Option			
1	Options Details Empirical	Correct Option			

Which scientific method focuses on testing hypothesis developed from theories?

Q.50

Q.5	The two main approaches of a research are				
		Question ID:			
Ma	rks 1	10090668			
No	Options Details	Correct Option			
1	Data collection and data analysis				
2	Surveys and questionnaires				
3	Sampling and data collection				
4	Qualitative and quantitative	✓			
Q.5	S5 Research is				
i					
		Question ID:			
Ma	rks 1	<b>Question ID:</b> 10090669			
	·	10090669			
No	Options Details	10090669  Correct Option			
<b>No</b> 1	Options Details A purposeful, systematic activity	10090669			
<b>No</b> 1 2	Options Details  A purposeful, systematic activity  Conducted for purely academic purposes	10090669  Correct Option			
<b>No</b> 1	Options Details  A purposeful, systematic activity  Conducted for purely academic purposes  Conducted to answer questions about practical	10090669  Correct Option			
<b>No</b> 1 2	Options Details  A purposeful, systematic activity  Conducted for purely academic purposes	10090669  Correct Option			
No 1 2 3	Options Details  A purposeful, systematic activity  Conducted for purely academic purposes  Conducted to answer questions about practical issues.	10090669  Correct Option			
No 1 2 3	Options Details  A purposeful, systematic activity  Conducted for purely academic purposes  Conducted to answer questions about practical issues.  A random and unplanned process of	10090669  Correct Option			
No 1 2 3 4	Options Details  A purposeful, systematic activity  Conducted for purely academic purposes  Conducted to answer questions about practical issues.  A random and unplanned process of discovery.	10090669  Correct Option			
No 1 2 3	Options Details  A purposeful, systematic activity  Conducted for purely academic purposes  Conducted to answer questions about practical issues.  A random and unplanned process of discovery.	10090669  Correct Option			
No 1 2 3 4	Options Details  A purposeful, systematic activity  Conducted for purely academic purposes  Conducted to answer questions about practical issues.  A random and unplanned process of discovery.	10090669  Correct Option			
No 1 2 3 4	Options Details  A purposeful, systematic activity  Conducted for purely academic purposes  Conducted to answer questions about practical issues.  A random and unplanned process of discovery.	10090669  Correct Option			
No 1 2 3 4	Options Details  A purposeful, systematic activity  Conducted for purely academic purposes  Conducted to answer questions about practical issues.  A random and unplanned process of discovery.	10090669  Correct Option			
No 1 2 3 4	Options Details  A purposeful, systematic activity  Conducted for purely academic purposes  Conducted to answer questions about practical issues.  A random and unplanned process of discovery.  66  Which one of the following is not a quality of a researcher.	10090669  Correct Option  ✓  Question ID:			
No 1 2 3 4	Options Details  A purposeful, systematic activity Conducted for purely academic purposes Conducted to answer questions about practical issues. A random and unplanned process of discovery.  Which one of the following is not a quality of a researcher.	10090669  Correct Option			
No 1 2 3 4	Options Details  A purposeful, systematic activity  Conducted for purely academic purposes  Conducted to answer questions about practical issues.  A random and unplanned process of discovery.  66  Which one of the following is not a quality of a researcher.	Correct Option  ✓  Question ID:			

2

He must be of alert mind Keenness in enquiry

His assertion to outstrip the evidence

Q.5	7 The result of setting out a reasoned argument in steps is known as	
		<u> </u>
Ma	rks 1	<b>Question ID:</b> 10090671
No	Options Details	Correct Option
1	A delete	
3	A debate An evaluation	✓
4	An analysis	
Q.5	Which of the following is not a characteristic of a researcher?	
		Question ID:
Ma	rks 1	10090672
No	Options Details	Correct Option
1	Industrious and persistent	
3	Specialist rather than a generalist Objective	
4	Not versatile in his interest and even in his	<b>√</b>
	native abilities	,
Q.5		npling (II)
	Inference (III) Data analysis (IV) Data collection	
		Question ID:
Ma	rks 1	10090673
No	Options Details	Correct Option
1	(II), (III), (I), (I∨)	
2	(I), (IV), (III), (II)	✓
3		
1 /1	(IV), (I), (II), (III)	ı

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	Which of the following is not the requirement of a hypothesis?	
l		Question ID:
Ma	rks 1	10090674
No	Options Details	Correct Option
1	Be based on facts	- Ourcet Option
2	Be conceivable	
3	Contradict the knowledge of nature	<u>√</u>
4	Allow consequences to be deduced	<b>V</b>
	/ libw consequences to be deduced	
Q.6	1 The first question that a researcher is interested in the application of Statistical technique	os to his problem
	have to ask is;	es to fils problem
		Question ID:
Ma	rks 1	10090675
ł		
<del>                                     </del>		
No	Options Details	Correct Option
1	Whether the data could be quantified	Correct Option
	Whether the data could be quantified Whether appropriate statistical techniques are	
1 2	Whether the data could be quantified  Whether appropriate statistical techniques are available	
1 2 3	Whether the data could be quantified  Whether appropriate statistical techniques are available  Whether analysis of data would be possible	
1 2	Whether the data could be quantified  Whether appropriate statistical techniques are available	
1 2 3	Whether the data could be quantified  Whether appropriate statistical techniques are available  Whether analysis of data would be possible	
3 4	Whether the data could be quantified  Whether appropriate statistical techniques are available  Whether analysis of data would be possible  Whether worthwhile inferences could be drawn	
1 2 3	Whether the data could be quantified  Whether appropriate statistical techniques are available  Whether analysis of data would be possible  Whether worthwhile inferences could be drawn	
3 4	Whether the data could be quantified  Whether appropriate statistical techniques are available  Whether analysis of data would be possible  Whether worthwhile inferences could be drawn	
3 4	Whether the data could be quantified  Whether appropriate statistical techniques are available  Whether analysis of data would be possible  Whether worthwhile inferences could be drawn	
3 4	Whether the data could be quantified  Whether appropriate statistical techniques are available  Whether analysis of data would be possible  Whether worthwhile inferences could be drawn	
3 4	Whether the data could be quantified  Whether appropriate statistical techniques are available  Whether analysis of data would be possible  Whether worthwhile inferences could be drawn	
3 4	Whether the data could be quantified  Whether appropriate statistical techniques are available  Whether analysis of data would be possible  Whether worthwhile inferences could be drawn	
3 4	Whether the data could be quantified  Whether appropriate statistical techniques are available  Whether analysis of data would be possible  Whether worthwhile inferences could be drawn  The correlation between intelligent test scores and grades is	Question ID:
1 2 3 4	Whether the data could be quantified  Whether appropriate statistical techniques are available  Whether analysis of data would be possible  Whether worthwhile inferences could be drawn  The correlation between intelligent test scores and grades is	
1 2 3 4	Whether the data could be quantified  Whether appropriate statistical techniques are available  Whether analysis of data would be possible  Whether worthwhile inferences could be drawn  The correlation between intelligent test scores and grades is	Question ID:
1 2 3 4 Q.6	Whether the data could be quantified  Whether appropriate statistical techniques are available  Whether analysis of data would be possible  Whether worthwhile inferences could be drawn  2 The correlation between intelligent test scores and grades is	Question ID: 10090676
1 2 3 4 Ma	Whether the data could be quantified  Whether appropriate statistical techniques are available  Whether analysis of data would be possible  Whether worthwhile inferences could be drawn  2 The correlation between intelligent test scores and grades is  ks 1  Options Details	Question ID: 10090676  Correct Option
1 2 3 4 Ma No 1	Whether the data could be quantified  Whether appropriate statistical techniques are available  Whether analysis of data would be possible  Whether worthwhile inferences could be drawn  2 The correlation between intelligent test scores and grades is  this 1  Options Details  Positives	Question ID: 10090676  Correct Option
1 2 3 4 Wa No 1 2	Whether the data could be quantified  Whether appropriate statistical techniques are available  Whether analysis of data would be possible  Whether worthwhile inferences could be drawn  2 The correlation between intelligent test scores and grades is  tks 1  Options Details  Positives  Negative	Question ID: 10090676  Correct Option
1 2 3 4 Mai No 1 2 3	Whether the data could be quantified  Whether appropriate statistical techniques are available  Whether analysis of data would be possible  Whether worthwhile inferences could be drawn  2 The correlation between intelligent test scores and grades is  Positives  Negative Perfect	Question ID: 10090676  Correct Option

Q.6	Hypothesis cannot be stated in	
		Question ID:
Mai	rks 1	10090677
No	Options Details	Correct Option
1	Declarative terms	Conect Option
2	Null hypothesis and question form terms	
3	General terms	<b>√</b>
4	Directional terms	<u> </u>
	Directional terms	
		_
Q.6	64 Research hypotheses are;	
	Nesearch hypotheses are,	
		Question ID:
Mai	rks 1	10090678
	·	
No	Options Details	Correct Option
1	A review of current research	-
2	Statements of predicted relationships between variables	
3	Stated such that they can be confirmed or refuted	
4	"Statements of predicted relationships	✓
	between variables" and "Stated such that they	
	can be confirmed or refuted"	
Q.6	What is the purpose of the conclusion in a research report?	
		Question ID:
Mai	rks 1	10090679
		10030073
No	Options Details	Correct Option
1	It explains how concepts were operationally	· · · · · · · · · · · · · · · · · · ·
	defined and measured.	
2	It summarizes the key findings in relation to the research questions.	<b>✓</b>
3	It contains a useful review of the relevant literature.	
4	It outlines the methodological procedures that	
	were employed.	

1	Which of the following is an example of a directional hypothesis?		
		<u> </u>	
		Question ID:	
Mai	ks 1	10090680	
No	Options Details	Correct Option	
1	There will be a difference between the		
2	students' reading levels.  There will be a difference between lecture and		
	Group instruction.		
3	Group instruction is more effective than lecture	<b>√</b>	
	in the Elementary classroom.		
4	There will be an increase in learning.		
	7 Takasharill barrakasi'a a maasarahari		
Q.6	7 To test null hypothesis, a researcher uses		
I	Question ID:		
		Question ID:	
Ma	rks 1	<b>Question ID:</b> 10090681	
	·	10090681	
Ma No	rks 1 Options Details		
	·	10090681	
No	Options Details	10090681	
<b>No</b> 1	Options Details t-test	10090681	
<b>No</b> 1 2	Options Details  t-test  ANOVA Chi-square test	Correct Option	
No 1 2 3	Options Details  t-test ANOVA	Correct Option	
No 1 2 3 4	Chi-square test Factorial Analysis	Correct Option	
No 1 2 3	Chi-square test Factorial Analysis	Correct Option	
No 1 2 3 4	Chi-square test Factorial Analysis	Correct Option	
No 1 2 3 4	Chi-square test Factorial Analysis	Correct Option	
No 1 2 3 4	Chi-square test Factorial Analysis	Correct Option	
No 1 2 3 4	Chi-square test Factorial Analysis	Correct Option	
No 1 2 3 4	Chi-square test Factorial Analysis	Correct Option	
No 1 2 3 4	Chi-square test Factorial Analysis	Correct Option  ✓	
No 1 2 3 4	t-test ANOVA Chi-square test Factorial Analysis  8 Extraneous variables are essentially	10090681  Correct Option  ✓  Question ID:	
No 1 2 3 4 Q.66	t-test ANOVA Chi-square test Factorial Analysis  8 Extraneous variables are essentially	Correct Option  ✓	
No 1 2 3 4 Ma	T-test  ANOVA  Chi-square test Factorial Analysis  8 Extraneous variables are essentially	Correct Option  ✓  Question ID: 10090682	
No 1 2 3 4 4 Mai	Chi-square test Factorial Analysis  8 Extraneous variables are essentially  ks 1  Options Details	Correct Option  ✓  Question ID: 10090682  Correct Option	
No 1 2 3 4 Wall No 1	Options Details  t-test  ANOVA Chi-square test Factorial Analysis  8 Extraneous variables are essentially  ks 1  Options Details Independent variables	Correct Option  ✓  Question ID: 10090682	
No 1 2 3 4 4 Mai	Chi-square test Factorial Analysis  8 Extraneous variables are essentially  ks 1  Options Details	Correct Option  ✓  Question ID: 10090682  Correct Option	

Neither independent nor dependent

ر. بر ا	9 The characteristics of scientific method of research is	
		Question ID:
Mai	rks 1	10090683
No	Options Details	Correct Option
1	Empiricism	Contool Option
2	Objectivity	
3	Systematic	
4	All of the above	✓
Q.7	Bibliography given in a research report:	
Q.,	bibliography given in a research report.	
		1
		Question ID:
Maı	rks 1	10090684
No	Options Details	Correct Option
1	Has no relevance to research	Correct Option
1 2	Has no relevance to research  Shows vast knowledge of the researcher	Correct Option
1 2 3	Has no relevance to research  Shows vast knowledge of the researcher  Helps those interested in further research	Correct Option  ✓
1 2	Has no relevance to research  Shows vast knowledge of the researcher	
1 2 3	Has no relevance to research  Shows vast knowledge of the researcher  Helps those interested in further research	
1 2 3	Has no relevance to research  Shows vast knowledge of the researcher  Helps those interested in further research  All the above	✓
1 2 3 4	Has no relevance to research Shows vast knowledge of the researcher Helps those interested in further research All the above	✓
1 2 3 4	Has no relevance to research Shows vast knowledge of the researcher Helps those interested in further research All the above	✓
1 2 3 4	Has no relevance to research Shows vast knowledge of the researcher Helps those interested in further research All the above	✓
1 2 3 4	Has no relevance to research Shows vast knowledge of the researcher Helps those interested in further research All the above	✓
1 2 3 4	Has no relevance to research Shows vast knowledge of the researcher Helps those interested in further research All the above	✓
1 2 3 4	Has no relevance to research  Shows vast knowledge of the researcher  Helps those interested in further research  All the above	✓
1 2 3 4	Has no relevance to research  Shows vast knowledge of the researcher  Helps those interested in further research  All the above  The Report submitted when there is a time lag between data collection and presentation	of result is called
1 2 3 4 Q.7	Has no relevance to research Shows vast knowledge of the researcher Helps those interested in further research All the above  The Report submitted when there is a time lag between data collection and presentation  The Report submitted when there is a time lag between data collection and presentation  The Report submitted when there is a time lag between data collection and presentation  The Report submitted when there is a time lag between data collection and presentation  The Report submitted when there is a time lag between data collection and presentation  The Report submitted when there is a time lag between data collection and presentation  The Report submitted when there is a time lag between data collection and presentation  The Report submitted when there is a time lag between data collection and presentation  The Report submitted when there is a time lag between data collection and presentation  The Report submitted when there is a time lag between data collection and presentation  The Report submitted when there is a time lag between data collection and presentation  The Report submitted when there is a time lag between data collection and presentation and presentation and presentation are the submitted when the submit	Question ID:
1 2 3 4 Q.7	Has no relevance to research Shows vast knowledge of the researcher Helps those interested in further research All the above  The Report submitted when there is a time lag between data collection and presentation  riks 1  Options Details	of result is called
1 2 3 4 Q.7 Mai	Has no relevance to research Shows vast knowledge of the researcher Helps those interested in further research All the above  The Report submitted when there is a time lag between data collection and presentation  The Report submitted when there is a time lag between data collection and presentation  Options Details  Thesis	Question ID: 10090685  Correct Option
1 2 3 4 Wall	Has no relevance to research Shows vast knowledge of the researcher Helps those interested in further research All the above  The Report submitted when there is a time lag between data collection and presentation  Thesis Interim report	Question ID:
1 2 3 4 Wall	Has no relevance to research Shows vast knowledge of the researcher Helps those interested in further research All the above  1 The Report submitted when there is a time lag between data collection and presentation  white statement of the state	Question ID: 10090685  Correct Option
1 2 3 4 Wall	Has no relevance to research Shows vast knowledge of the researcher Helps those interested in further research All the above  The Report submitted when there is a time lag between data collection and presentation  Thesis Interim report	Question ID: 10090685  Correct Option

Q.7	The correlation coefficient is used to determine	
·		
		Question ID:
Ma	rks 1	10090686
No	Options Details	Correct Option
1	A specific value of the y-variable given a	
	specific value of the x-variable	
2	A specific value of the x-variable given a	
3	specific value of the y-variable  The strength of the relationship between the x	
	and y variables	<b>,</b>
4	None of these alternatives is correct.	
Q.7	The value of degree of freedom (d.f.) in two sample t-test is	
Q.,	o The value of degree of freedom (d.f.) in two sample t-test is	
		Question ID:
Mai	rks 1	10090687
No	Options Details	Correct Option
1	$df = (n, +n_2)$	
2	$df = (n, -n_2)$	
3	$df = (n, +n_2-2)$	✓
4	$df = (n, +n_2+1)$	· ·
Q.7	A satisfactory statistical quantitative method should not possess one of the following qu	alities:
		Question ID:
Mai	rks 1	10090688
IVIG		10090088
No	Options Details	Correct Option
1	Flexibility	✓
2	Measurability	
3	Comparability	
4	Appropriateness	

1	Summarizing raw data and displaying them on compact statistical tables for analysis is	
		Question ID:
   Mai	rks 1	10090689
		10030003
No	Options Details	Correct Option
1	Tabulation	1
2	Coding	
3	Transcription	
4	Editing	
Q.7	76 The format of thesis writing is the same as in:	
Q.7	o The format of thesis witting is the same as in.	
		Question ID:
Mai	rks 1	10090690
No	Options Details	Correct Option
1	Presenting a workshop	
2	A research dissertation	✓
3	Preparation of Article	
4	Writing of seminar representation	
Q.7	The degrees of freedom for the chi square test statistics when testing for independence table with 4 rows and 4 columns would be	in a contingency
Q.7	table with 4 rows and 4 columns would be	Question ID:
	table with 4 rows and 4 columns would be	Question ID:
Mai	table with 4 rows and 4 columns would be	<b>Question ID:</b> 10090691
Mai	rks 1  Options Details	Question ID: 10090691 Correct Option
Mai No	rks 1  Options Details	Question ID: 10090691 Correct Option
Mai No	rks 1  Options Details  9 6	Question ID: 10090691 Correct Option
No 1 2 3	rks 1  Options Details  9 6 4	Question ID: 10090691 Correct Option
No 1 2 3	table with 4 rows and 4 columns would be  rks 1  Options Details  9 6 4 5	Question ID: 10090691  Correct Option
No 1 2 3 4	table with 4 rows and 4 columns would be  Options Details  Options Details  Calculate chi square value: Event-x Expected-60 Observed-52 Event-y Expected-40 Ol	Question ID: 10090691  Correct Option
Mai No 1 2 3 4	table with 4 rows and 4 columns would be  Options Details  Options Details  Calculate chi square value: Event-x Expected-60 Observed-52 Event-y Expected-40 Ol	Question ID: 10090691  Correct Option  ✓  Discreted-48  Question ID: 10090692
Mai No 1 2 3 4 Q.7	table with 4 rows and 4 columns would be  Options Details  Options Details  Calculate chi square value: Event-x Expected-60 Observed-52 Event-y Expected-40 Ol	Question ID: 10090691  Correct Option  ✓  Discreted-48  Question ID:
No 1 2 3 4 Q.7	table with 4 rows and 4 columns would be  Options Details  Options Details  Calculate chi square value: Event-x Expected-60 Observed-52 Event-y Expected-40 Olember 1  Options Details  Options Details	Question ID: 10090691  Correct Option  ✓  Description  Question ID: 10090692  Correct Option
Mai No 1 2 3 4  Q.7	table with 4 rows and 4 columns would be  Options Details  Options Details  Calculate chi square value: Event-x Expected-60 Observed-52 Event-y Expected-40 Ole  Options Details  Options Details  2.77	Question ID: 10090691  Correct Option  ✓  Discreted-48  Question ID: 10090692
No 1 2 3 4 No 1 2 2 3 1 1 2 1 1 2 1 2 1 1 2 1 1 2 1 1 2 1	table with 4 rows and 4 columns would be  Options Details  Options Details  Calculate chi square value: Event-x Expected-60 Observed-52 Event-y Expected-40 Olember 1  Options Details  2.77  2.67	Question ID: 10090691  Correct Option  ✓  Description ID: 10090692  Correct Option

Q.7	79 Test to be applied when the number of observations are less than 30 and variance is no	ot known is called:
		Question ID:
Maı	rks 1	10090693
No	Options Details	Correct Option
1	Chi square test	
2	t test	✓
3	f test	
4	z test	
Q.8	To determine whether the test statistic of ANOVA is statistically significant, it can be concritical value. What two pieces of information are needed to determine the critical value.	
		Question ID:
Mai	rks 1	10090694
IVIG		10090094
No	Options Details	Correct Option
1	sample size, number of groups	Correct Option
1	sample size, number of groups expected frequency, obtained frequency	
1 2 3	sample size, number of groups expected frequency, obtained frequency mean, sample standard deviation	
1	sample size, number of groups expected frequency, obtained frequency	
1 2 3	sample size, number of groups expected frequency, obtained frequency mean, sample standard deviation	
1 2 3	sample size, number of groups expected frequency, obtained frequency mean, sample standard deviation MSTR, MSE	<b>√</b>
1 2 3 4	sample size, number of groups expected frequency, obtained frequency mean, sample standard deviation MSTR, MSE	<b>√</b>
1 2 3 4	sample size, number of groups expected frequency, obtained frequency mean, sample standard deviation MSTR, MSE  In ANOVA with 4 groups and a total sample size of 44, the computed F statistic is 2.33	<b>√</b>
1 2 3 4	sample size, number of groups expected frequency, obtained frequency mean, sample standard deviation MSTR, MSE  In ANOVA with 4 groups and a total sample size of 44, the computed F statistic is 2.33	<b>√</b>
1 2 3 4	sample size, number of groups expected frequency, obtained frequency mean, sample standard deviation MSTR, MSE  In ANOVA with 4 groups and a total sample size of 44, the computed F statistic is 2.33	<b>√</b>
1 2 3 4	sample size, number of groups expected frequency, obtained frequency mean, sample standard deviation MSTR, MSE  In ANOVA with 4 groups and a total sample size of 44, the computed F statistic is 2.33	<b>√</b>
1 2 3 4	sample size, number of groups expected frequency, obtained frequency mean, sample standard deviation MSTR, MSE  In ANOVA with 4 groups and a total sample size of 44, the computed F statistic is 2.33	√ In this case, the p-
1 2 3 4	sample size, number of groups expected frequency, obtained frequency mean, sample standard deviation MSTR, MSE  In ANOVA with 4 groups and a total sample size of 44, the computed F statistic is 2.33 value is:	In this case, the p-
1 2 3 4	sample size, number of groups expected frequency, obtained frequency mean, sample standard deviation MSTR, MSE  In ANOVA with 4 groups and a total sample size of 44, the computed F statistic is 2.33 value is:	✓ In this case, the p-
1 2 3 4	sample size, number of groups expected frequency, obtained frequency mean, sample standard deviation MSTR, MSE  In ANOVA with 4 groups and a total sample size of 44, the computed F statistic is 2.33 value is:	In this case, the p-
1 2 3 4 Q.8	expected frequency, obtained frequency mean, sample standard deviation  MSTR, MSE  In ANOVA with 4 groups and a total sample size of 44, the computed F statistic is 2.33 value is:	Question ID: 10090695
1 2 3 4 Q.8	expected frequency, obtained frequency mean, sample standard deviation  MSTR, MSE  In ANOVA with 4 groups and a total sample size of 44, the computed F statistic is 2.33 value is:  Options Details	Question ID: 10090695
1 2 3 4 Q.8 Mai	sample size, number of groups expected frequency, obtained frequency mean, sample standard deviation MSTR, MSE  In ANOVA with 4 groups and a total sample size of 44, the computed F statistic is 2.33 value is:  Options Details exactly 0.05	Question ID: 10090695
1 2 3 4 4 Q.8 Mai	sample size, number of groups expected frequency, obtained frequency mean, sample standard deviation MSTR, MSE  In ANOVA with 4 groups and a total sample size of 44, the computed F statistic is 2.33 value is:  Options Details exactly 0.05 less than 0.05	Question ID: 10090695  Correct Option
1 2 3 4 Q.88 Mai	sample size, number of groups expected frequency, obtained frequency mean, sample standard deviation  MSTR, MSE  In ANOVA with 4 groups and a total sample size of 44, the computed F statistic is 2.33 value is:  Options Details  exactly 0.05 less than 0.05 greater than 0.05	Question ID: 10090695  Correct Option

Q.8	What would happen if instead of using an ANOVA to compare 10 groups, you perform	ned multiple t tests?
		Question ID:
Mar	ks 1	10090696
		1
No	Options Details	Correct Option
1	Nothing, there is no difference between using an ANOVA and using a t-test.	
2	Nothing serious, except that making multiple	
	comparisons with a t-test requires more	
3	computation than doing a single ANOVA.	
3	Sir Ronald Fischer would be turning over in his grave; he put all that work into developing	
	ANOVA, and you use multiple t-tests	
4	Making multiple comparisons with a t-test	<b>√</b>
	increases the probability of making a Type I error.	
Q.8	Analysis of variance is a statistical method of comparing the of several pop	ulations.
		O
Mar	lea d	Question ID:
Mar	ks 1	<b>Question ID:</b> 10090697
l	·	10090697
No	Options Details	
<b>No</b> 1	Options Details standard deviations	10090697
<b>No</b> 1 2	Options Details standard deviations variances	Correct Option
No 1 2 3	Options Details standard deviations variances Means	10090697
<b>No</b> 1 2	Options Details standard deviations variances	Correct Option
No 1 2 3 4	Options Details standard deviations variances Means proportions	Correct Option  ✓
No 1 2 3	Options Details  standard deviations  variances  Means  proportions   "Uses a limited range of words which sometimes affects the clarity of expression" can	Correct Option  ✓
No 1 2 3 4	Options Details standard deviations variances Means proportions	Correct Option  ✓
No 1 2 3 4	Options Details  standard deviations  variances  Means  proportions   "Uses a limited range of words which sometimes affects the clarity of expression" can	Correct Option  ✓
No 1 2 3 4	Options Details  standard deviations  variances  Means  proportions   "Uses a limited range of words which sometimes affects the clarity of expression" can	10090697  Correct Option  ✓
No 1 2 3 4	Options Details  standard deviations  variances  Means  proportions   "Uses a limited range of words which sometimes affects the clarity of expression" can	Correct Option  ✓
No 1 2 3 4	Options Details  standard deviations  variances  Means  proportions   "Uses a limited range of words which sometimes affects the clarity of expression" can	Correct Option  ✓
No 1 2 3 4	Options Details  standard deviations  variances  Means  proportions   "Uses a limited range of words which sometimes affects the clarity of expression" can	Correct Option  ✓  be a rubric for
No 1 2 3 4	Standard deviations  variances  Means  proportions  "Uses a limited range of words which sometimes affects the clarity of expression" can assessing	De a rubric for  Question ID:
No 1 2 3 4 4 Q.84	Standard deviations variances Means proportions  "Uses a limited range of words which sometimes affects the clarity of expression" can assessing	Correct Option  ✓  be a rubric for
No 1 2 3 4 4 Mar	Standard deviations  variances  Means  proportions  4 "Uses a limited range of words which sometimes affects the clarity of expression" can assessing	be a rubric for  Question ID: 10090698
No 1 2 3 4 4 Q.84	Standard deviations  variances  Means  proportions  "Uses a limited range of words which sometimes affects the clarity of expression" can assessing	De a rubric for  Question ID:
No	Options Details  standard deviations  variances  Means  proportions  4 "Uses a limited range of words which sometimes affects the clarity of expression" can assessing  ks 1  Options Details  Grammar	De a rubric for  Question ID: 10090698  Correct Option
No	Standard deviations  variances  Means  proportions  4 "Uses a limited range of words which sometimes affects the clarity of expression" can assessing  Noptions Details  Grammar  Vocabulary	be a rubric for  Question ID: 10090698
No 1 2 3 4 Mar No 1 2 3	Standard deviations  variances  Means  proportions  4 "Uses a limited range of words which sometimes affects the clarity of expression" can assessing  Ks 1  Options Details  Grammar  Vocabulary Fluency	De a rubric for  Question ID: 10090698  Correct Option
No	Standard deviations  variances  Means  proportions  4 "Uses a limited range of words which sometimes affects the clarity of expression" can assessing  Noptions Details  Grammar  Vocabulary	De a rubric for  Question ID: 10090698  Correct Option
No 1 2 3 4 Mar No 1 2 3	Standard deviations  variances  Means  proportions  4 "Uses a limited range of words which sometimes affects the clarity of expression" can assessing  Ks 1  Options Details  Grammar  Vocabulary Fluency	De a rubric for  Question ID: 10090698  Correct Option
No 1 2 3 4 Mar No 1 2 3	Standard deviations  variances  Means  proportions  4 "Uses a limited range of words which sometimes affects the clarity of expression" can assessing  Ks 1  Options Details  Grammar  Vocabulary Fluency	De a rubric for  Question ID: 10090698  Correct Option

Q.8	Q.85 Prerna read a story to her students, filled with sound effects and interesting voices. After them questions about the specific sounds or unique ways characters spoke. What skill is assessing in the scenario?	
		Overtion ID:
Ма	ks 1	<b>Question ID:</b> 10090699
No	Options Details	Correct Option
1	Reading	
3	Listening	✓
4	Speaking Writing	
	Tribung	
Q.8	A proficiency test always assesses	
Ma	ks 1	<b>Question ID:</b> 10090700
No	Options Details	Correct Option
1	The level of language that learners have reached	✓
2	The language that students have been taught	
3	The multisensory learning experiences	
4	The language of daily conversation	
Q.8	7 Which of the following sentences is grammatically correct?	
Ма	ks 1	<b>Question ID:</b> 10090701
No	Options Details	Correct Option

Me and my friend went to the park.

My friend and me went to the park.

My friend and I went to the park.

I and my friend went to the park.

1

2

4

Ma	rks 1	Question ID: 10090702	
No	Options Details	Correct Option	
1	Adversity	<b>✓</b>	
2	Celebration	<u> </u>	
3	Victory		
4	Strategy		
Q.8	Find the missing number in the following series? 1, 3, 4, 8, 15, 27, ?		
Ma	rks 1	<b>Question ID:</b> 10090703	
No	Options Details	Correct Option	
1	45	oon oo opaan	
2	50	✓	
3	55	<u> </u>	
4	60		
Ma	rks 1	<b>Question ID:</b> 10090704	
No	Options Details	Correct Option	
1	NFMWZMX		
2	VMZWMFN		
3	NFMWZMV	✓	
4	MIMXZMV		
Q.9	Q.91 Find the odd pair of words.		
Ма	rks 1	<b>Question ID:</b> 10090705	
Ma No	rks 1 Options Details		
	· 	10090705	
No	Options Details	10090705  Correct Option	
<b>No</b> 1	Options Details Room : House	10090705  Correct Option	

Despite the \_\_\_\_\_, the team managed to win the championship.

Q.88

Q.92		A man's monthly income is Rs. 1,400. What should be his average monthly expenditure to save 3,600 in a year?	e so that he is able
Ma	nrks	1	<b>Question ID:</b> 10090706
No		Options Details	Correct Option
1	1000		
2	1100		✓
3	1150		
4	1200		
		least one of the two languages. How many people speak Hindi?	
Ma	nrks	least one of the two languages. How many people speak Hindi?	<b>Question ID:</b> 10090707
Ma No	nrks		1
	<b>1</b> 5	1	10090707
No		1	10090707  Correct Option
No 1 2 3	15 20 25	1	10090707  Correct Option
<b>No</b> 1 2	15 20	1	10090707  Correct Option

Q.9	4 A computer consists of	
Ма	rks 1	<b>Question ID:</b> 10090708
No	Options Details	Correct Option
1	A central processing unit	
2	A memory	
3	Input and output unit	
4	All of the above	✓

Γ

Q.9	5 A byte consists of	
		<b>Question ID:</b> 10090709
Mai	Marks 1	
No	Options Details	Correct Option
1	One bit	
2	Four bits	
3	Eight bits	✓
4	Sixteen bits	
Q.9	6 ALU of a computer normally contains a number of high-speed storage elements called	
4.0	, the of a computer normally contained a number of high speed clondage clonicitie called	
		Question ID:
Maı	ks 1	10090710
111.0.		10030710
No	Options Details	Correct Option
1	Semiconductor memory	- Corroot Option
2	Registers	
3	Hard disks	<b>√</b>
	Magnetic disk	
4	Magnetic disk	
Q.9	7 RAM is used as short memory as it is	
Q.9	7 RAM is used as short memory as it is	
Q.9	7 RAM is used as short memory as it is	
Q.9	7 RAM is used as short memory as it is	
Q.9	7 RAM is used as short memory as it is	
Q.9	7 RAM is used as short memory as it is	
		Question ID:
Q.9		Question ID: 10090711
Mai	rks 1	10090711
Mai No	rks 1 Options Details	10090711
Mai No	Options Details  Expensive	10090711
Mai No 1 2	Options Details  Expensive Small capacity	Correct Option
No 1 2 3	Coptions Details  Expensive  Small capacity  Programmable	10090711
No 1 2 3 4	Options Details  Expensive Small capacity Programmable Volatile	Correct Option
No 1 2 3	Options Details  Expensive Small capacity Programmable Volatile	Correct Option
No 1 2 3 4	Options Details  Expensive Small capacity Programmable Volatile	Correct Option
No 1 2 3 4	Options Details  Expensive Small capacity Programmable Volatile	Correct Option
No 1 2 3 4	Options Details  Expensive Small capacity Programmable Volatile	Correct Option
No 1 2 3 4	Options Details  Expensive Small capacity Programmable Volatile	Correct Option
No 1 2 3 4	Options Details  Expensive Small capacity Programmable Volatile	Correct Option  ✓
No 1 2 3 4 Q.9	Options Details  Expensive Small capacity Programmable Volatile  Which of the following will be required to produce high quality graphics?	Correct Option  ✓  Question ID:
No 1 2 3 4	Options Details  Expensive Small capacity Programmable Volatile  Which of the following will be required to produce high quality graphics?	Correct Option  ✓
No 1 2 3 4 Q.9	Options Details  Expensive  Small capacity  Programmable  Volatile  Which of the following will be required to produce high quality graphics?	Correct Option  ✓  Question ID:
No 1 2 3 4 Q.9	Options Details  Expensive  Small capacity  Programmable  Volatile  Which of the following will be required to produce high quality graphics?	Correct Option  ✓  Question ID:
Mai No 1 2 3 4	Coptions Details  Expensive  Small capacity  Programmable  Volatile  Which of the following will be required to produce high quality graphics?	Correct Option  ✓  Question ID: 10090712
Mai No 1 2 3 4 4 No No	Options Details  Expensive Small capacity Programmable Volatile  8 Which of the following will be required to produce high quality graphics?	Correct Option  ✓  Question ID: 10090712
Mai No 1 2 3 4 No 1 2	Coptions Details  Expensive  Small capacity  Programmable  Volatile  8 Which of the following will be required to produce high quality graphics?  ks 1  Options Details  RGB monitor  Plotter	Correct Option  ✓  Question ID: 10090712  Correct Option
Mai No 1 2 3 4  Q.9	Coptions Details  Expensive Small capacity Programmable Volatile  Which of the following will be required to produce high quality graphics?  ks 1  Options Details  RGB monitor	Correct Option  ✓  Question ID: 10090712  Correct Option

No	Ontions Details	Correct Ontion
Mar		<b>Question ID:</b> 10096119
Q.1	Which of the following techniques may be used to probe the kinetics of inclusion complex between β-cyclodextrin and cholesterol?	formation
4	3-singals for cis-1,2-dimethyl cyclopropane & 2-signals for trans-1,2-dimethyl cyclopropane	
	3-signals for trans-1,2-dimethyl cyclopropane	
3	4-singals for cis-1,2-dimethyl cyclopropane &	
2	3-singals for cis-1,2-dimethyl cyclopropane & 4-signals for trans-1,2-dimethyl cyclopropane	
1	2-singals for cis-1,2-dimethyl cyclopropane & 3-signals for trans-1,2-dimethyl cyclopropane	
No	·	Correct Option
Mar		Question ID: 10096118
	How many NMR signals would you expect from cis-1,2-dimethyl cyclopropane and trans-1 cyclopropane?	1,2-aimetnyi
Q.9	Llauren ann NIMD ainm ala consideran ann an forma air 4.0 diocrathad contaminan and torse at	

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Isothermal titration calorimetry

NMR spectroscopy

Cyclic voltammetry

X-ray diffraction